

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Not for submission under 37 CFR 1.99)</i>	Application Number	10/597,115
	Filing Date	7-12-06 4nd
	First Named Inventor	Hajime KANDO
	Art Unit	2834
	Examiner Name	T. DOUGHERTY
	Attorney Docket Number	36856.1461

U.S.PATENTS						<input type="button" value="Remove"/>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

## U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
mj	1	10-233647	JP	A	1998-09-02			<input checked="" type="checkbox"/>
mb	2	10-247835	JP	A	1998-09-14			<input checked="" type="checkbox"/>
mj	3	09-107264	JP	A	1997-04-22			<input checked="" type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Not for submission under 37 CFR 1.99)</i>		Application Number	101597119	
		Filing Date	7-12-16	
		First Named Inventor	Hajime KANDO	
		Art Unit	2834	
		Examiner Name	T. DUGAHERY	
		Attorney Docket Number	36856.1461	

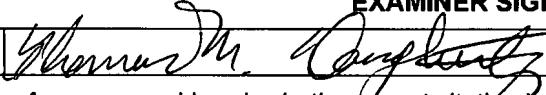
<i>tnd</i>	4	2004/095699	WO	A1	2004-11-04			<input checked="" type="checkbox"/>
<i>tnd</i>	5	98/51011	WO	A1	1998-11-12			<input checked="" type="checkbox"/>
<i>tnd</i>	6	2003-114592	JP	A1	2003-04-18			<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
<i>tnd</i>	1	International Search Report issued in the corresponding International Application No. PCT/JP2004/019551, mailed on May 17, 2005.	<input checked="" type="checkbox"/>
<i>tnd</i>	2	CHUJO et al., "Piezoelectric Boundary Wave in a Substrate with a Layered Structure," Research Institute of Electrical Communication, 1980, pp. 21-28.	<input checked="" type="checkbox"/>
<i>tnd</i>	3	SHIMIZU, "SAW Propagation Characteristics on LiTaO <sub>3</sub> With Arbitrary Cut," Tokyo Institute of Technology, Tokyo, 1980, pp. 140-145, vol. 36, no. 3.	<input checked="" type="checkbox"/>
<i>tnd</i>	4	SHIBAYAMA, "Acoustic Wave Device Technology Handbook," The 150th Committee on Acoustic Wave Device Technology, Japan Society for the Promotion of Science, November 30, 1991, p. 549.	<input checked="" type="checkbox"/>
<i>tnd</i>	5	CAMPBELL et al., "A Method for Estimating Optimal Crystal Cuts and Propagation Directions for Excitation of Piezoelectric Surface Waves," IEEE Transactions on Sonics and Ultrasonics, October 1968, pp. 209-217, Volume SU-15, No. 4.	<input type="checkbox"/>
<i>tnd</i>	6	YAMANOUCHI et al., "Piezoelectric Acoustic Boundary Waves Propagating Along the Interface Between SiO <sub>2</sub> and LiTaO <sub>3</sub> ," IEEE Transactions on Sonics and Ultrasonics, November, 1978, pp. 384-389, Volume SU-25, No. 6.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Not for submission under 37 CFR 1.99)

Application Number	10/597,115
Filing Date	7-12-16
First Named Inventor	Hajime KANDO
Art Unit	2834
Examiner Name	T. DOUGHERTY
Attorney Docket Number	36856.1461

FM 10 <sup>7</sup>	SHIBAYAMA, "Engineering of Surface Acoustic Wave," Institute of Electronics and Communication Engineers of Japan, November 15, 1983, pp. 56-58.	<input checked="" type="checkbox"/>
If you wish to add additional non-patent literature document citation information please click the Add button <input type="button" value="Add"/>		
<b>EXAMINER SIGNATURE</b>		
Examiner Signature		Date Considered
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
<small> <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="http://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.         </small>		